

SPINNER
TC 32 MC - VDI
16 - TOEM



High-tech from heimatec - heimatec - Tools and systems for productive turning and milling

heimatec belongs to the international technology and quality leaders for precision tools and specializes in the development and production of high-precision static and live tools for all CNC lathes, CNC turn-/mill machines and CNC machining centers.

The range of products* spans from static BMT and VDI tool holders, live tools up to highly complex customer-specific individual solutions. heimatec, headquartered in Renchen, has a own subsidiary in Asia and India and numerous representatives as well as trading partners all over the world.

*OUR PRODCUTS

Static tool holders

Live tool units

Precision tools

Tools for turning and machining centres

Tools for swiss type lathes

Tool changing and uick-change systems

Tool systems for gear production

Digital tool management





This catalogue, including all its parts, is protected by copyright. Any use outside the restricted limitations of the Copyright Act without the consent of heimatec is inadmissible and liable to prosecution. This applies in particular to duplication, translation, microfilming and storage and processing in electronic systems.

heimatec GmbH reserves the right to make technical changes at any time without giving prior notice. This applies in particular to adjustments at any time to meet new or changed international standards, or in case of further developments of our products or manufacturing processes.

The current version of our General Terms and Conditions can be found on our website.

SPINNER

TC 32 MC - VDI 16 - TOEM

Part-#	Name	
8 010 03 002	Axial drilling and milling head ER 11	
	Weight [kg]:	0.670
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 010 04 004	Axial drilling and milling head ER 16	
	Weight [kg]:	0.660
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
8 010 04 006	Axial drilling and milling head ER 16 AX IC	
	Weight [kg]:	1.000
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16 A
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
8 011 02 001	Axial milling head arbor 10	
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Arbor 10
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same
	Coolant:	EXT
8 019 03 001	Axial drilling and milling head ER 11	
	Notation:	offset
	Employment for:	Main- and sub spindle
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11

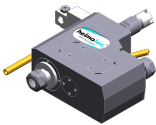
SPINNER

TC 32 MC - VDI 16 - TOEM

Part-#	Name
--------	------

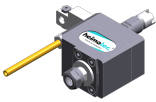
Gear ratio [i]: 1:1
 Torque max [Nm]: 6,3
 Rotation max [1/min]: 6000
 Rotating direction: same/opposite
 Coolant: EXT
 Offset [mm]: 44

8 019 03 002 Axial drilling and milling head ER 11



Weight [kg]: 1.950
 Notation: offset
 Employment for: Front and reverse operation
 Version: double spindle
 Tool drive: Coupling
 Shank size [mm]: 16.00
 Shank type: VDI
 Tool adaption: ER 11
 Gear ratio [i]: 1:1
 Torque max [Nm]: 6,3
 Rotation max [1/min]: 6000
 Rotating direction: same/opposite
 Coolant: EXT
 Offset [mm]: 56

8 019 03 003 Axial drilling and milling head ER 11



Weight [kg]: 1.170
 Notation: offset
 Version: right
 Tool drive: Coupling
 Shank size [mm]: 16.00
 Shank type: VDI
 Tool adaption: ER 11
 Gear ratio [i]: 1:2
 Torque max [Nm]: 3
 Rotation max [1/min]: 12000
 Rotating direction: opposite
 Coolant: EXT
 Please note: stronger bearing
 Offset [mm]: 20

8 019 04 009 Axial drilling and milling head ER 16

Weight [kg]: 1.950
 Notation: offset
 Employment for: Sub spindle
 Tool drive: Coupling
 Shank size [mm]: 16.00
 Tool adaption: ER 16
 Gear ratio [i]: 1:1
 Torque max [Nm]: 6,3
 Rotation max [1/min]: 6000
 Rotating direction: opposite
 Coolant: EXT

Part-#	Name	
8 019 04 011	Axial drilling and milling head ER 16	
	Weight [kg]:	2.060
	Notation:	offset
	Employment for:	Front and reverse operation
	Version:	double spindle
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same/opposite
	Coolant:	EXT
	Please note:	with special rail
	Offset [mm]:	56
8 030 04 002	Radial drilling and milling head ER 16	
	Weight [kg]:	0.960
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
	Center distance [mm]:	39
8 030 04 004	Radial drilling and milling head ER 16 IC	
	Weight [kg]:	0.720
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	39
8 031 03 001	Radial milling head arbor 13	
	Weight [kg]:	0.960
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	Arbor 13
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT

SPINNER

TC 32 MC - VDI 16 - TOEM

Part-#	Name	
	Center distance [mm]:	39
8 033 03 003	Radial drilling and milling head ER 11	
	Weight [kg]:	1.220
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 03 006	Radial drilling and milling head ER 11	
	Weight [kg]:	1.210
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1,556
	Torque max [Nm]:	4
	Rotation max [1/min]:	12000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 004	Radial drilling and milling head ER 16	
	Weight [kg]:	1.240
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 006	Radial drilling and milling head HT 2	
	Weight [kg]:	1.220
	Notation:	offset
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	HT 2
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000



SPINNER

TC 32 MC - VDI 16 - TOEM

Part-#	Name	
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	50
8 033 04 007	Radial drilling and milling head ER 16 IC	
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 16
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	same
	Coolant:	IC/Ext
	Pressure max [bar]:	25
	Center distance [mm]:	50
8 033 04 010	Radial drilling and milling head ER 20	
	Weight [kg]:	2.800
	Notation:	offset
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 20
	Gear ratio [i]:	3:1
	Torque max [Nm]:	18
	Rotation max [1/min]:	3000
	Rotating direction:	same
	Coolant:	EXT
	Center distance [mm]:	65
8 037 03 001	Woodruff keycutter ER 11	
	Weight [kg]:	2.080
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	8000
	Rotating direction:	opposite
	Coolant:	EXT
8 038 03 002	Radial drilling and milling head ER 11	
	Weight [kg]:	2.860
	Notation:	Y-axes adjustable
	Version:	right
	Tool drive:	Coupling
	Shank size [mm]:	16.00
	Shank type:	VDI
	Tool adaption:	ER 11
	Gear ratio [i]:	1:1
	Torque max [Nm]:	6,3
	Rotation max [1/min]:	6000
	Rotating direction:	same

SPINNER
TC 32 MC - VDI 16 - TOEM



Part-#	Name
	Coolant: EXT
	Center distance [mm]: 90,5



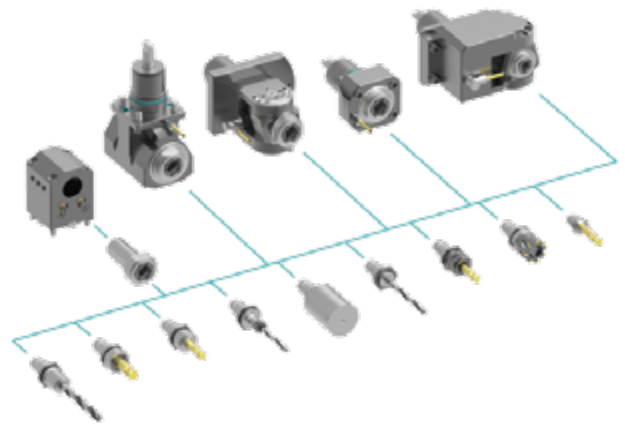
heimatec.u-tec®

heimatec.com

Products / Tool change systems /
u-tec® Tool-changing system



versions see catalog



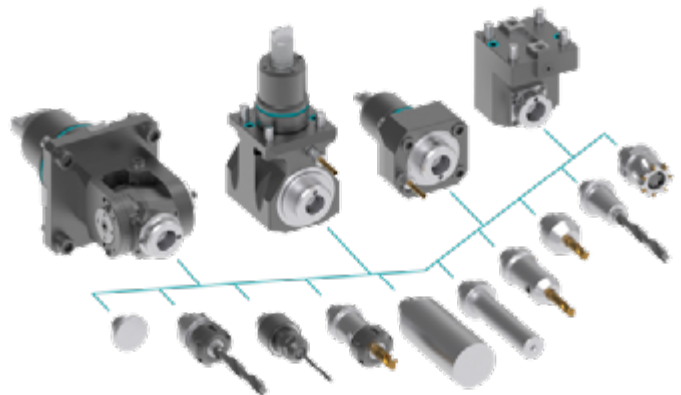
heimatec.easy-quick

heimatec.com

Products / Tool change systems /
easy-quick HT quick-changing system



versions see catalog



heimatec.Capto™

heimatec.com

Products / Tool change systems /
heimatec.Capto™ quick-changing system



versions see catalog



heimatec.accessories

heimatec.com

Products / Accessories



versions see catalog





● heimatec overseas branches

○ global representations of heimatec

heimatec[®]

heimatec GmbH
 Präzisionswerkzeuge
 Carl-Benz-Str. 4
 77871 Renchen
 Germany

T +49 7843 9466 0
www.heimatec.com
info@heimatec.com

Please find the contact details of our worldwide trading partners on our website:
<https://heimatec.com/business-partners>